12-1922

# Record Book for Milk Testing Club Members

H. Jones

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# R E C O R D  B O O K

for

## MILK TESTING CLUB MEMBERS

H. M. Jones,
Dairy Specialist.

This book is for the records of seven cows. If you are testing more than seven, send for another book.

EXTENSION SERVICE
South Dakota State College
W. F. Kumlien, Director
Brookings, S. Dak.

Cooperative Extension Work in Agriculture and Home Economics, South Dakota State College and United States Department of Agriculture Cooperating.

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# INSTRUCTIONS

This book is for your own personal use. Separate blanks will be provided for making your reports to the County Agent and the State Club Leader. This is simply for your convenience in summarizing.

Weigh the milk of each cow to be tested just as often as possible This should be done for at least two days a month. More frequent weighings would be better. The best and most accurate method is to weigh every day.

Record the amount of milk for each cow opposite the day of the month. Suppose that you weigh the milk on the 9 and 10, and again on the 23 and 24 of the month. Record the amount under the name of the cow and straight across from the respective dates along the left margin.

Add all of the weighings for each cow. Count the weighings. From this data calculate the production for the month. Example: Suppose that you weigh the morning and evening milking for each cow on the 9, 10, 23, and 24 of the month. You have eight milkings. Suppose further that "Rose" gives 97 pounds of milk in those eight milkings. Suppose the month has 31 days (use the actual number of days in the month for which you are calculating), there are 62 milkings. If Rose gives 97 pounds of milk in eight milkings, how many pounds will she give in 62 milkings? Use the ratio: 8:97 : : 62: X.

97 times 62 equals 6014. 6014 ÷ 8 = 751.7 pounds of milk Rose produced in the month. Enter this amount in the proper space near the bottom of the page.

When the weighings of milk are made a sample should be taken, except that if the milk is weighed every day it is not necessary to take the sample every day. Samples should cover at least two days a month. If you plan to use four milkings for samples, fill the sample bottle one-fourth full each time. If you plan to use eight milkings, use the sample bottle one-eighth full each time and so on. SAMPLES SHOULD ALWAYS BE TAKEN FROM THE SAME MILKINGS THAT ARE WEIGHED IN CASES WHERE YOU DO NOT WEIGH EVERY DAY.

Test the samples according to instructions contained in Bulletin 197, Milk Testing in Practice. Enter the test for each cow under her name and on the line marked "Av. Test" which means average test or percent of butterfat in the samples tested.

To secure the amount of butterfat called for in the last line on the page, multiply the amount of milk by the percent of butterfat. Rose produced 751.7 pounds of milk. Suppose her average test was 4.2 percent, then 751.7 x .042 = 31.571 pounds of butterfat. Always carry pounds of milk to one decimal place and pounds of butterfat to three decimal places.

The totals for each month are to be transferred to the summary on the last page.

# DAILY MILK RECORD

Dairy Herd of _____ Month of _____ 19____

Address _____ County _____ S. Dak.

| Day | Names or Numbers of Cows | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. |
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| 29 | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | |
| Totals | | | | | | | | | | | | | | |
| Total for Mo. | | | | | | | | | | | | | | |
| Av. Test | | | | | | | | | | | | | | |
| Lbs. B. F. | | | | | | | | | | | | | | |

# YEARLY SUMMARY OF MILK AND BUTTERFAT

**Dairy Herd of**_____ **Year**_____

**Address**_____ **County**_____

| Month | Names or Numbers of Cows | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | #Milk | %Fat | #Fat | #Milk | %Fat | #Fat | #Milk | %Fat | #Fat | #Milk | %Fat | #Fat |
| Jan. | | | | | | | | | | | | |
| Feb. | | | | | | | | | | | | |
| Mar. | | | | | | | | | | | | |
| Apr. | | | | | | | | | | | | |
| May | | | | | | | | | | | | |
| June | | | | | | | | | | | | |
| July | | | | | | | | | | | | |
| Aug. | | | | | | | | | | | | |
| Sept. | | | | | | | | | | | | |
| Oct. | | | | | | | | | | | | |
| Nov. | | | | | | | | | | | | |
| Dec. | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |

| Month | Names or Numbers of Cows | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | #Milk | %Fat | #Fat | #Milk | %Fat | #Fat | #Milk | %Fat | #Fat | #Milk | %Fat | #Fat |
| Jan. | | | | | | | | | | | | |
| Feb. | | | | | | | | | | | | |
| Mar. | | | | | | | | | | | | |
| Apr. | | | | | | | | | | | | |
| May | | | | | | | | | | | | |
| June | | | | | | | | | | | | |
| July | | | | | | | | | | | | |
| Aug. | | | | | | | | | | | | |
| Sept. | | | | | | | | | | | | |
| Oct. | | | | | | | | | | | | |
| Nov. | | | | | | | | | | | | |
| Dec. | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |